CLAIMS

1. Flexible compositions based on propylene polymers having no elastomeric fractions comprising:

A) from 10 to 90 parts by weight of random copolymer of propylene and at least one comonomer selected from ethylene and C_4-C_8 alpha-olefins having a melting point of at least 100°C and not exceeding 140°C and a melt flow index measured at 230°C under a weight of 2.16 kg (ASTM standard D1238, 1986) of from 0.5 to 15 g/10 min, and

B) from 90 to 10 parts by weight of plastomer prepared with participation of a metallocene catalyst and consisting of a random copolymer of ethylene and at least one C_3-C_{10} alpha-olefin having a density of from 0.860 to 0.920 g/cm^3, a melt flow index measured at 190°C under a weight of 2.16 kg (ASTM standard D1238, 1986) of from 0.5 to 30 g/10 min, and a molecular mass distribution M_w/M_n of at most 4, said compositions being characterized in that the random copolymer of propylene A is selected among :

A1) copolymers of propylene and ethylene containing from 3 to 6 % by weight of monomeric units derived from ethylene;

A2) copolymers of propylene and butene containing from 14 to 20 % by weight of monomeric units derived from butene;

A3) terpolymers of propylene, ethylene and butene containing from 0.5 to 2.5 % by weight of monomeric units derived from ethylene and from 5 to 15 % by weight of monomeric units derived from butene.

2. Flexible compositions based on propylene polymers according to Claim 1, characterized in that the random propylene copolymer is chosen from copolymers of propylene and ethylene containing from 3.5 to 5.5 % by weight of monomeric units derived from ethylene.

3. Flexible compositions based on propylene polymers according to Claim 1, characterized in that the random propylene copolymer has a flexural modulus (EMod) measured at 23°C in accordance with the ASTM standard D790M of from about 400 to 800 MPa and a melt flow index measured at 230°C under a weight of 2.16 kg (ASTM standard D1238-1986) not exceeding 10 g/min.

4. Flexible compositions based on propylene polymers according to Claim 1, characterized in that the plastomer consists of a random copolymer of ethylene and an alpha-olefin containing from 2.5 to 13 mol% of alpha-olefin selected from butene and octene.

5. Flexible compositions based on propylene polymers according to Claims 1 and 4, characterized in that the plastomer consists of a random copolymer of ethylene and octene.

6. Flexible compositions based on propylene polymers according to Claim 1,4 and 5 characterized in that the plastomer has a density of from 0.865 to 0.905 g/cm^3, a flow index measured at 190°C under a weight of 2.16 kg (ASTM standard D1238-1986) below 20 g/10 min and a molecular mass distribution M_w/M_n below 3.5 but not less than 1.7.

7. Flexible compositions based on propylene polymers according to Claims 1 and 6, characterized in that they comprise from 80 to 20 parts of random propylene copolymer and from 20 to 80 parts of plastomer prepared with participation of a metallocene catalyst.

8. Flexible compositions based on propylene polymers according to Claims 1 to 7, characterized in that they have a flexural modulus (EMod) measured at 23°C in accordance with the ASTM standard D790M of at most 450 MPa.

9. Flexible compositions based on propylene polymers according to Claims 1 to 8, comprising a number of random copolymers of propylene A) and/or a number of plastomers B).

10. Flexible compositions based on propylene polymers according to Claims 1 to 8, comprising a propylene polymer other than the copolymer A).

11. Flexible compositions based on propylene polymers according to claim 10 in which the propylene polymer other than the copolymer A) has a melting point above 140°C.

12. Use of the flexible compositions according to Claims 1 to 11 for the manufacture of films and of flexible sheeting having a flexural modulus (EMod) measured at 23°C in accordance with the ASTM standard D790M of at most 450 MPa.

13. Use of the flexible compositions according to Claims 1 to 11 for the manufacture of cables, insulation, or cable sheathing having a flexural modulus (EMod) measured at 23°C in accordance with the ASTM standard D790M of at most 450 MPa.

14. Flexible sheeting or films obtained using a composition according to any one of Claims 1 to 11.

15. Cables or insulation or cable sheathing obtained using a composition according to any one of Claims 1 to 11.